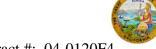
### DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES Office of Structural Materials Quality Assurance and Source Inspection

Bay Area Branch 690 Walnut Ave.St. 150 Vallejo, CA 94592-1133 (707) 649-5453 (707) 649-5493



Contract #: 04-0120F4

Cty: SF/ALA Rte: 80 PM: 13.2/13.9

File #: 69.28

## WELDING INSPECTION REPORT

Resident Engineer: Pursell, Gary **Report No:** WIR-001880 Address: 333 Burma Road **Date Inspected:** 30-Mar-2008

City: Oakland, CA 94607

**Project Name:** SAS Superstructure **OSM Arrival Time:** 1730 **OSM Departure Time:** 800 **Prime Contractor:** American Bridge/Fluor Enterprises, a JV

Contractor: Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai China

**CWI Name: CWI Present:** Yes N/A No **Inspected CWI report:** Yes N/A **Rod Oven in Use:** Yes No No N/A N/A **Electrode to specification:** Yes No Weld Procedures Followed: Yes No N/A **Qualified Welders:** Yes No N/A **Verified Joint Fit-up:** Yes No N/A N/A N/A **Approved Drawings:** Yes No **Approved WPS:** Yes No Yes N/A **Delayed / Cancelled:** No

**Bridge No:** 34-0006 **Component:** Bottom & Side Plates

## **Summary of Items Observed:**

CALTRANS Quality Assurance (QA) Inspector, Erik Prue was present for the fabrication scheduled for this project at the ZPMC facility in Shanghai, China for the San Francisco Oakland Bay Self Anchored Suspension Bridge.

The QA Inspector performed random visual and magnetic particle inspections of portions of bottom and side plate T stiffener welds on plates BP 023-001, BP 020-001, BP 002-001, SP 020-001, SP 024-001, SP 021-001, SP 028-001, SP 016-001, SP 051-001, SP 063-001, SP 075-001, SP 076-001, SP 064-001, SP 052-001, SP 077-001, SP 065-001, and SP 053-001. ZPMC QC inspector Mr. Zhou Diong Yun and Cai Xin Xin had previously performed a magnetic particle inspection of BP 023-001, BP 020-001, SP 051-001, SP 063-001, SP 075-001, SP 077-001, SP 065-001, and SP 053-001 approximately a 10% length of welds for plates and accepted them. The following plates had no QC MT inspection marks; SP 020-001, BP 002-001, SP 024-001, SP 021-001, SP 028-001, SP 016-001, SP 076-001, SP 064-001, and SP 052-001. Please see TL-6028 MT report dated 03-30-2008 for details on MT inspection

# WELDING INSPECTION REPORT

(Continued Page 2 of 2)



Item Description **WBS** Dwg No. Status SP 053-001 MT Complete

SP 053-001 shown with QC and QA MT inspection completed marks

## **Summary of Conversations:**

No Significant conversations.

### **Comments**

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Patrick Lowery, (858) 344-2712, who represents the Office of Structural Materials for your project.

| Inspected By: | Prue,Erik   | Quality Assurance Inspector |
|---------------|-------------|-----------------------------|
| Reviewed By:  | Hager,Craig | QA Reviewer                 |